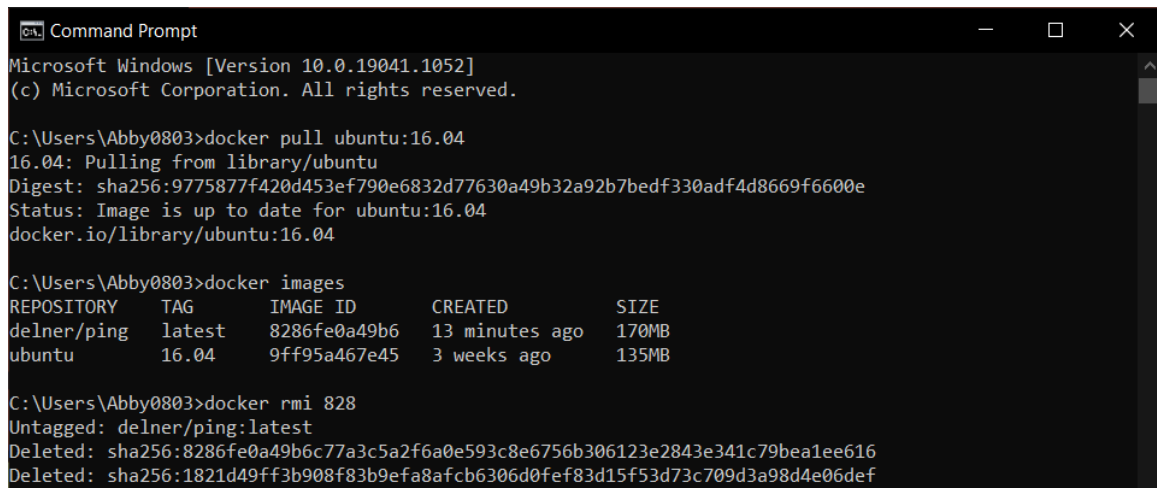


Activity 03 - Building Images

de Padua, Jean Abigail d. | 201801325

Getting setup



```
Command Prompt
Microsoft Windows [Version 10.0.19041.1052]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Abby0803>docker pull ubuntu:16.04
16.04: Pulling from library/ubuntu
Digest: sha256:9775877f420d453ef790e6832d77630a49b32a92b7bedf330adf4d8669f6600e
Status: Image is up to date for ubuntu:16.04
docker.io/library/ubuntu:16.04

C:\Users\Abby0803>docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
delner/ping         latest         8286fe0a49b6   13 minutes ago  170MB
ubuntu              16.04         9ff95a467e45   3 weeks ago    135MB

C:\Users\Abby0803>docker rmi 828
Untagged: delner/ping:latest
Deleted: sha256:8286fe0a49b6c77a3c5a2f6a0e593c8e6756b306123e2843e341c79bea1ee616
Deleted: sha256:1821d49ff3b908f83b9efa8afcb6306d0fef83d15f53d73c709d3a98d4e06def
```

Creating a Dockerfile



```
Dockerfile - Notepad
File Edit Format View Help
FROM ubuntu:16.04
LABEL author="David Elner"

ENV PING_TARGET "google.com"

RUN apt-get update \
    && apt-get install -y iputils-ping \
    && apt-get clean \
    && cd /var/lib/apt/lists && rm -fr *Release* *Sources* *Packages* \
    && truncate -s 0 /var/log/*log

CMD ["sh", "-c", "ping $PING_TARGET"]
```

Building the Dockerfile

```

D:\[02] 3rd Year Second Sem\[04] CoE 197\[08] Week 10\ME8_Containerization_and_Docker\3-building_images>
docker build -t "delner/ping" .
[+] Building 80.0s (6/6) FINISHED
=> [internal] load build definition from Dockerfile                                0.0s
=> => transferring dockerfile: 358B                                              0.0s
=> [internal] load .dockerignore                                                  0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/ubuntu:16.04                  0.0s
=> [1/2] FROM docker.io/library/ubuntu:16.04                                    0.2s
=> [2/2] RUN apt-get update && apt-get install -y iputils-ping && apt-get clean && 79.5s
=> exporting to image                                                            0.1s
=> => exporting layers                                                            0.1s
=> => writing image sha256:3c4844555564db4c3b3ef8c6f6b9acd7b0137ba9f29e2f3335fb94dbe68c0552 0.0s
=> => naming to docker.io/delner/ping                                           0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

D:\[02] 3rd Year Second Sem\[04] CoE 197\[08] Week 10\ME8_Containerization_and_Docker\3-building_images
docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
delner/ping	latest	3c4844555564	19 seconds ago	139MB
ubuntu	16.04	9ff95a467e45	3 weeks ago	135MB